



(WO/2004/111105) TITANIUM-CONTAINING SOLUTIONS, CATALYSTS FOR PRODUCTION OF POLYESTER, PROCESSES FOR PRODUCTION OF POLYESTER RESINS, AND BLOW MOLDINGS OF POLYESTER

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Abstract: The invention aims at providing titanium-containing solutions which are excellent in storage stability and contain titanium in high concentrations; a catalyst for the production of polyester which exhibits excellent feeding uniformity and high catalytic performance and does not exert bad influence on the quality of the aliphatic diols to be recovered and reused; a catalyst for the production of polyester which exhibits high catalytic activity and high stability in molding; processes for the production of polyester resins with such catalysts; and blow moldings made of the polyester resins. The first embodiment of the invention is a titanium-containing solution characterized by containing titanium, an aliphatic diol, and a trihydric or higher alcohol, and the second embodiment thereof is a titanium-containing solution wherein the titanium particles contained in the solution have diameters falling within a specific range.

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